(a) placing a first electrical signal in communication with an input of the circuit;

(b) passing said first [test] electrical signal through the circuit thereby causing the circuit to output a degraded electrical signal;

(c) providing an electrical compensation means having an input, an output, and adjustment controls, placing said degraded electrical signal in communication with the input of said electrical compensation means;

(d) providing a means of synchronizing and combining electrical signals having at least a first and a second input and one output, placing the output of said electrical compensation means in communication with the first input of said means of synchronizing and combining electrical signals;

(e) placing a second electrical signal, substantially identical to said first electrical signal, in communication with the second input of said means of synchronizing and combining electrical signals;

(f) placing the output of said means of synchronizing and combining electrical signals in communication with a means for creating visual representations of electrical signals in a way that the visual representation of said degraded electrical signal and the visual representation of said second electrical signal are presented separate from each other and each representation is not altered by the representation of any other signals;

(g) comparing said visual representation of said degraded image and the visual representation of said second electrical signal; and

(h) Altering said adjustment controls of said compensation means so that the visual representation of said degraded signal is modified to resemble as closely as possible the visual representation of said second electrical signal.

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6. A method for evaluating and compensating for degradation of an electrical signal caused by a circuit comprising the steps of:

(a) placing a first electrical signal in communication with an input of the circuit;

(b) passing said [first] electrical test signal through the circuit thereby causing the circuit to output a degraded electrical signal;

(c) providing a signal splitting means having an input and at least a first and a second output, placing said degraded signal in communication with the input to said video splitting means;

(d) providing a means of synchronizing and combining electrical signals having at least a first, a second, and a third input, and one output, placing the first output of said video splitting means in communication with the first input of said means of synchronizing and combining electrical signals;

(e) providing a signal compensation means having an input, an output, and adjustment controls, placing the second output of said signal splitting means in communication with the input of said electrical compensation means whereby a recovered electrical signal is produced;

(f) placing the output of said electrical compensation means in communication with the second input of said means of synchronizing and combining electrical signals;

(g) placing a second electrical signal, substantially identical to said first electrical signal, in communication with the third input of said means of synchronizing and combining electrical signals;

(h) placing the output of said means of synchronizing and combining electrical signals in communication with a means for creating visual representations of electrical

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